

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	"7334996"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/09/14 15:12
L2	9	("3572970"   "4022545"   "5123813"   "5282720"   "5622476"   "5820347"   "6287664"   "6761538"   "7198463").PN. OR ("7334996").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/09/14 15:12
L3	1	("5261790").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/09/14 16:00
L4	8	("4494909"   "4516910"   "4900165"   "5284011"   "5369882"   "5803710"   "6814194"   "7334996").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/09/14 16:00
L12	3988	415/119,191,209.4,210.1.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/09/14 16:38
L14	1	((damp or damping) and vane and shroud and seal and spring).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2011/09/14 16:41
L15	23	((damp or damping) and vane and shroud).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2011/09/14 16:42
S1	5	((CARSTEN) near2 (BUTZ)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/16 10:49
S2	9	((WERNER) near2 (HUMHAUSER)). INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/16 10:49
S3	1	((PATRICK) near2 (WACKERS)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/16 10:49
S4	1	((WALTER) near2 (WASCHKA)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/16 10:49
S5	5	((MORITZ) near2 (WIRTH)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/16 10:49
S6	7	("3326523"   "4285633").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/11/16 10:52

S7	3	"11050807"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/11/16 10:53
S8	18	"1441108"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/11/16 10:53
S9	2358	415/119.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/11/16 10:56
S10	2	"5346362".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/11/16 11:08
S11	3	"4385864".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/11/16 11:08
S12	2358	415/119.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/11/16 13:33
S13	352	415/209.4.ccls. not (S12)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/11/16 13:33
S14	324	415/210.1.ccls. not (S12 or S13)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/11/16 13:45
S15	2	"7645118".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/11/16 14:52
S16	831	415/191.ccls. not (S12 or S13 or S14)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/11/16 14:54

S17	222	("20010019695"   "20040126225"   "20040219014"   "2610823"   "2724544"   "2930521"   "2931622"   "2955799"   "2991045"   "3034762"   "3042365"   "3079128"   "3126149"   "3172641"   "3300178"   "3300180"   "3313520"   "3326523"   "3519366"   "3529906"   "3601414"   "3730640"   "3736811"   "3778184"   "3841787"   "3881844"   "3887299"   "3893782"   "3936222"   "3938906"   "3986779"   "3999883"   "4053254"   "4063845"   "4142827"   "4242042"   "4285633"   "4314792"   "4384822"   "4451204"   "4470757"   "4477086"   "4480957"   "4516910"   "4537024"   "4621976"   "4721434"   "4764658"   "4820119"   "4897021"   "4902198"   "5078576"   "5080557"   "5088888"   "5088894"   "5100292"   "5104286"   "5118120"   "5125796"   "5129783"   "5129786"   "5145316"   "5149250"   "5154577"   "5158430"   "5167485"   "5167488"   "5188507"   "5215432"   "5221096"   "5240375"   "5333995"   "5346362"   "5354072"   "5429479"   "5462403"   "5531457"   "5586773"   "5624227"   "5627227"   "5639211"   "5657998"   "5681142"   "5709530"   "5762472"   "5772401"   "5797723"   "5807074"   "5820336"   "5820338"   "5823741"   "5827047"   "5865600"   "5868398"   "5915697"   "5927942"   "5934687"   "5957658"   "5975844"   "5988975"   "5997247"   "6042334"   "6079944"   "6086329"   "6139019"   "6139264"   "6144656"   "6155789"   "6162014"   "6164656"   "6193240"   "6199871"   "6217279"   "6237921"   "6261063"   "6267557"   "6290459"   "6312218"   "6340286"   "6354803"   "6386825"   "6398499"   "6402466"   "6406256").PN. OR ("6412149"   "6413042"   "6418727"   "6431555"   "6431825"   "6682300"   "6722848"   "6742988"   "6761530"   "6786699"   "6896482"   "6908279"   "6939106"   "6969231"   "7001145"   "7172388").PN. OR ("2008/0019836"   "3326523"   "4285633"   "4385864"   "5215432"   "5346362"   "5601407"	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/16 15:45
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		"6733234"   "6901821"   "7291946"   "7645117"   "7645118").URPN.				
S18	186	("1173496"   "2352372"   "2489535"   "2661147"   "2665642"   "2772854"   "2945290"   "2995294"   "3104093"   "3105281"   "3172641"   "3241493"   "3291382"   "3295823"   "3295824"   "3326523"   "3339833"   "3365172"   "3393436"   "3394919"   "3501246"   "3583824"   "3594010"   "3601414"   "3728039"   "3730640"   "3736069"   "3742705"   "3807895"   "3825364"   "3867066"   "3893786"   "3966354"   "3966356"   "3975901"   "4005946"   "4013376"   "4019320"   "4047843"   "4050843"   "4053254"   "4103905"   "4285633"   "4311432"   "4395195"   "4431373"   "4470754"   "4537024"   "4573865"   "4752184"   "4836745"   "4992025"   "5083900"   "5088888"   "5165847"   "5167485"   "5167487"   "5167488"   "5169287"   "5188506").PN. OR ("3997280"   "4014627"   "4053254"   "4242042"   "4897021"   "5429479"   "5927942").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/16 15:56
S19	148	S18 not S17	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/16 15:56
S20	2280	310/51.ccls. not (S12 or S13 or S14 or S16)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/11/16 16:59
S21	48	310/51.ccls. and (vane) not (S12 or S13 or S14 or S16)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/11/16 16:59
S22	26	("2991045"   "3326523"   "3601414"   "3730640"   "3887299"   "4053254"   "4242042"   "4285633"   "4314792"   "4537024"   "4621976"   "4897021"   "5215432"   "5346362"   "5354072"   "5429479"   "5462403"   "5681142"   "5827047"   "5927942"   "6139264"   "6267557"   "6682300").PN. OR ("7291946"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/16 17:00
S23	15	("4295785"   "4526509"   "4767267"   "4897021"   "5320487").PN. OR ("6139264"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/16 17:01

S24	385	("1173496"   "20010019695"   "20040126225"   "20040219014"   "2352372"   "2489535"   "2610823"   "2661147"   "2665642"   "2724544"   "2772854"   "2930521"   "2931622"   "2945290"   "2955799"   "2991045"   "2995294"   "3034762"   "3042365"   "3079128"   "3104093"   "3105281"   "3126149"   "3172641"   "3241493"   "3291382"   "3295823"   "3295824"   "3300178"   "3300180"   "3313520"   "3326523"   "3339833"   "3365172"   "3393436"   "3394919"   "3501246"   "3519366"   "3529906"   "3583824"   "3594010"   "3601414"   "3728039"   "3730640"   "3736069"   "3736811"   "3742705"   "3778184"   "3807895"   "3825364"   "3841787"   "3867066"   "3881844"   "3887299"   "3893782"   "3893786"   "3936222"   "3938906"   "3966354"   "3966356"   "3975901"   "3986779"   "3999883"   "4005946"   "4013376"   "4019320"   "4047843"   "4050843"   "4053254"   "4063845"   "4103905"   "4142827"   "4242042"   "4285633"   "4295785"   "4311432"   "4314792"   "4384822"   "4395195"   "4431373"   "4451204"   "4470754"   "4470757"   "4477086"   "4480957"   "4516910"   "4526509"   "4537024"   "4573865"   "4621976"   "4721434"   "4752184"   "4764658"   "4767267"   "4820119"   "4836745"   "4897021"   "4902198"   "4992025"   "5078576"   "5080557"   "5083900"   "5088888"   "5088894"   "5100292"   "5104286"   "5118120"   "5125796"   "5129783"   "5129786"   "5145316"   "5149250"   "5154577"   "5158430"   "5165847"   "5167485"   "5167487"   "5167488"   "5169287"   "5188506"   "5188507"   "5215432"   "5221096"   "5240375").PN. OR ("5320487"   "5333995"   "5346362"   "5354072"   "5429479"   "5462403"   "5531457"   "5586773"   "5624227"   "5627227"   "5639211"   "5657998"   "5681142"   "5709530"   "5762472"   "5772401"   "5797723"   "5807074"   "5820336"   "5820338"   "5823741"   "5827047"   "5865600"   "5868398"   "5915697"	US-PGPUB; USPAT; USOCR	OR	OFF	2011/04/19 19:06
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		"5927942"   "5934687"   "5957658"   "5975844"   "5988975"   "5997247"   "6042334"   "6079944"   "6086329"   "6139019"   "6139264"   "6144656"   "6155789"   "6162014"   "6164656"   "6193240"   "6199871"   "6217279"   "6237921"   "6261063"   "6267557"   "6290459"   "6312218"   "6340286"   "6354803"   "6386825"   "6398499"   "6402466"   "6406256"   "6412149"   "6413042"   "6418727"   "6431555"   "6431825"   "6682300"   "6722848"   "6742988"   "6761530"   "6786699"   "6896482"   "6908279"   "6939106"   "6969231"   "7001145"   "7172388").PN. OR ("2008/0019836"   "3326523"   "3997280"   "4014627"   "4053254"   "4242042"   "4285633"   "4385864"   "4897021"   "5215432"   "5346362"   "5429479"   "5601407"   "5927942"   "6139264"   "6733234"   "6901821"   "7291946"   "7645117"   "7645118").URPN.				
S25	2398	415/119.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/05/02 19:03
S26	1034	415/191.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/05/02 19:03
S27	370	415/209.4.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/05/02 19:03
S28	397	415/210.1.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/05/02 19:03

### EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L13	2167	415/119,191,209.4,210.1.ccls.	USPAT; UPAD	OR	OFF	2011/09/14 16:38

9/ 14/ 2011 4:42:43 PM

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